

# ATSDR Federal Quarterly Report

26-Jul-06 10:44 AM

**DIVISION : HA**

**ROCKWELL INTL-ROCKETDYNE DIV. (NASA)**

**CA1800090010**

**CA**

**ACTIVITY : SAP --- Public Health Response Plan**

**SCHEDULED START: Oct-01-2005**

**SCHEDULED COMPLETION: Sep-30-2007**

**ACTUAL COMPLETION:**

ATSDR Santa Susana Public Health Initiative

First Quarter -

Professor Yoram Cohen, UCLA, briefed NASA, DOE and ATSDR, on the progress of the environmental assessment. This environmental assessment is a key part of the SSFL public health initiative.

Second Quarter -

At a public meeting held on February 2, 2006, Dr. Yoram Cohen of UCLA, presented an overview of his findings on the environmental assessment he conducted at SSFL. At the same meeting, Dr. Hal Morgenstern, from the University of Michigan, presented the preliminary findings of a cancer incidence study of the residential areas surrounding SSFL.

Third Quarter -

Dr. Cohen (Environmental Assessment) and Dr. Morgenstern (Epidemiology) continue to work on project.

# ATSDR Federal Quarterly Report

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**DIVISION : HA**

**ALBANY RESEARCH CENTER**

**TEMP\_OR\_1971**

**OR**

ACTIVITY : HCW --- Other

SCHEDULED START: Jan-01-2006

SCHEDULED COMPLETION: Sep-30-2007

ACTUAL COMPLETION:

Health Consultation (written)

First Quarter-

Negotiated scope of work and budget.

Second Quarter -

IAG with DOE HQ modified to provide funding and scope of work for health consultation at this site. Site visits and public meeting scheduled for April 19, 2006.

Third Quarter-

IAG was amended with a no cost extension through September 30, 2007. Site visit and public meeting held April 19, 2006. Initiated work on health consultation. Provided site with a milestone schedule. Initial health consultation to be completed in the fourth quarter.

**BROOKHAVEN NATIONAL LABORATORY (USDOE)**

**NY7890008975**

**NY**

ACTIVITY : PHA --- Public Health Assessment

DOC RELEASE: Public

SCHEDULED START: Oct-01-2005

SCHEDULED COMPLETION: Sep-30-2007

ACTUAL COMPLETION:

Work stoppage on final document release.

First Quarter -

ATSDR work has stopped at this site due to insufficient FY2006 funding. The public health assessment was released for public comment and peer review on September 30, 2005. The public comment period was extended until January 21, 2006 in response to a request from the Brookhaven Citizens' Advisory Board. Because of the lack of FY2006 funding, ATSDR cancelled its November 2005 presentations at the BNL Citizens' Advisory Board meeting and at the Brookhaven Executive Roundtable meetings. Our priority is to make publicly available as many health assessments as possible. In some cases, such as the Brookhaven PHA, this means ATSDR will not respond to public comments and peer review until funding and staff are available. Although we do not know when we will be able to address comments, we encouraged the public to continue submitting comments through January 21, 2006. The comments are an essential part of public record.

Second Quarter -

Public comment period extended to January 22, 2006 to accommodate DOE-BNL Advisory Board. Comments received from DOE-BNL, EPA, BNL Advisory Board, and peer reviewers. ATSDR is unable to address comments and release final PHA because of work stoppage as a result of FY 2006 DOE funding.

Third Quarter -

No activity.

**HANFORD 100-AREA (USDOE)****WA38900901076****WA**

ACTIVITY : PHA --- Public Health Assessment

DOC RELEASE: Public

SCHEDULED START: Oct-01-2005

SCHEDULED COMPLETION: Sep-30-2007

ACTUAL COMPLETION:

Work stoppage on public health assessment.

**First Quarter-**

ATSDR work has stopped at this site due to insufficient FY2006 funding. Based on our modified work plan, ATSDR plans the following activities for the Hanford Site in fiscal year 2006:

- Release the Hanford public health assessment for public comment; the majority of the work on this document was completed in FY2005,
- Release the birth cohort study for public comment; the majority of the work on this document was completed in FY2005,
- Cooperative agreements for the Hanford tribes will not be funded,
- Meetings of the Inter-tribal Council on Hanford Health Projects (ICHHP) will be cancelled, and
- There will be no support for the Hanford Community Health Project.

**Second Quarter-**

Work slowed down due to lack of DOE funding. Work also delayed because staff was redirected to work on NAS review initiated at DOE's request. ATSDR plans to release a PHA covering the 100-, 200-, and 300- areas for public comment in FY 2006.

**Third Quarter-**

No activity.

**LOS ALAMOS SCIENTIFIC LABORATORY****NM08900101015****NM**

ACTIVITY : PHA --- Public Health Assessment

DOC RELEASE: Final

SCHEDULED START: Oct-01-2005

SCHEDULED COMPLETION: Sep-30-2007

ACTUAL COMPLETION:

Work stoppage on final document release.

**First Quarter -**

ATSDR work has stopped at this site due to insufficient FY2006 funding. The public health assessment was released for public comment and peer review in April 2005. The public comment period was extended until December 1, 2005 in response to a request from local congressman. Our priority is to make publicly available as many health assessments as possible. In some cases, such as the Los Alamos PHA, this means ATSDR will not respond to public comments and peer review until funding and staff are available. Although we do not know when we will be able to address comments, we encouraged the public to continue submitting comments through December 1, 2005. The comments are an essential part of public record.

**Second Quarter-**

Public comment period extended to December 2005 to accommodate request from Congressional staff. Work stoppage in January 2006 due to lack of DOE funding. ATSDR is unable to address public and peer review comments and release final PHA.

**Third Quarter-**

No activity.

ACTIVITY : PHA --- Public Health Assessment

SCHEDULED START: Oct-01-2005

SCHEDULED COMPLETION: Sep-30-2007

ACTUAL COMPLETION:

Work Stoppage as a result of insufficient DOE funding FY2006.

**First Quarter -**

ATSDR has developed a modified work plan that will maximize carryover funds to continue work into 2006. As a result, some previously planned public health activities will not be conducted this fiscal year. Our priority is to make publicly available as many health assessments as possible. In some cases, this means ATSDR will not respond to public comments and peer review until funding and staff are available.

Based on our modified work plan, the site-specific action plan for the Oak Ridge Reservation includes:

- TSCA Incinerator Public Health Assessment – completed December 27, 2005.
- White Oak Creek Public Health Assessment – complete,
- Off-site Groundwater Public Health Assessment – complete,
- Iodine-131 Public Health Assessment – release for public comment, and
- Cancer Incidence Study, Part I (county level) – release.

The following activities have been discontinued or deferred:

- Current Chemical Exposure Public Health Assessment,
- K-25 Releases Public Health Assessment,
- PCB Public Health Assessment,
- Mercury Public Health Assessment,
- ATSDR's Oak Ridge field office will be closed, and
- All Oak Ridge health Effects Subcommittee meetings will be cancelled.

**Second Quarter -**

**Off-Site Groundwater Final PHA:**

Addressed comments received from public comment release on June 15, 2005. Final PHA projected for May 2006.

**I-131 Public Comment PHA:**

Sent to external peer review. Public comment release will occur after peer reviewers' comments are addressed.

**White Oak Creek Final PHA:**

Responding to peer review and public comments; public comment release was April 25, 2005.

**TSCA Incinerator:**

Final PHA was released December 27, 2005; the PHA is now available on ATSDR web page.

ATSDR has stopped work on the following PHAs due to lack of DOE funding in FY2006: Current Chemical Exposure Final PHA, PCB Public Comment PHA, K-25 Public Comment PHA, and Y-12 Mercury Initial PHA.

**Third Quarter -**

**Off-Site Groundwater Final PHA:**

Prepared facts sheets. Final PHA projected for September 2006.

**I-131 Public Comment PHA:**

Comments received from two of the three peer reviewers. Public comment release will occur after peer reviewers' comments are addressed.

**White Oak Creek Final PHA:**

Public comment release was April 25, 2005. Completed peer review, public comment, and is in final review. Prepared video. Target release September 2006. On August 8-9, 2006, ATSDR will present findings to city council.

ATSDR contractors have continued limited work on the following PHAs: Current Chemical Exposure Final PHA, PCB Public Comment PHA, K-25 Public Comment PHA, and Y-12 Mercury Initial PHA.

**SAVANNAH RIVER SITE (USDOE)****SC1890008999****SC**

ACTIVITY : SAP --- Site Visits

SCHEDULED START: Oct-01-2005

SCHEDULED COMPLETION: Sep-30-2007

ACTUAL COMPLETION:

Work reduced as a result of insufficient DOE funding for FY2006.

**First Quarter-**

ATSDR work has almost stopped at this site due to insufficient FY2006 funding. ATSDR plans to address issues related to groundwater contaminants around the Savannah River Site. Based on our modified work plan for fiscal year 2006, we may only be able to address the groundwater pathway at this time.

**Second Quarter-**

Work slowed down due to lack of DOE funding. Work to date has focused on evaluating exposure to contaminated groundwater.

**Third Quarter-**

Review of groundwater completed. Review of surface water initiated. Focus PHA to address drinking water sources, to include both groundwater and surface water.

# ATSDR Federal Quarterly Report

14-Jul-06 12:41 PM

ACTUAL COMPLETION FROM :4/1/2006  
ACTUAL COMPLETION TO :6/30/2006

**DIVISION : HA**

**LORING AIR FORCE BASE**

**ME9570024522**

**ME**

ACTIVITY : HCW --- Review of Environmental Sampling

DOC RELEASE: Pre Draft

SCHEDULED START: Oct-01-2005

SCHEDULED COMPLETION: Sep-30-2006

ACTUAL COMPLETION: Jun-02-2006

Public Health Consultation -- Data Validation -- Contaminant Accumulation Potential in Plants and Animals

ATSDR released the data validation draft of the public health consultation.

ACTIVITY : TEC --- Responding to community concerns

SCHEDULED START: Apr-01-2006

SCHEDULED COMPLETION: Apr-30-2006

ACTUAL COMPLETION: Apr-28-2006

Technical Assistance -- discussion of water, air and radiation

A community member requested by e mail specific information about various public health issues at Loring AFB from 1984-1988. ATSDR provided information from the PHA about potential for exposure to drinking water, air and radiation. ATSDR provided information that potential exposures to contaminants were not at levels that would have posed a public health hazard.

**EIELSON AIR FORCE BASE**

**AK1570028546**

**AK**

ACTIVITY : PHA --- Public Health Assessment

DOC RELEASE: Final

SCHEDULED START: Oct-01-2005

SCHEDULED COMPLETION: Sep-30-2006

ACTUAL COMPLETION: Jun-14-2006

PHA - Final

ATSDR evaluated five potential exposure concerns; eating fish captured from on- and off-base sections of Garrison Slough, ingestion of on- and off-base drinking water, and potential exposure to groundwater contaminants by vapor intrusion into indoor air. People who consume small quantities of fish (48 ounces per year or less) from the off-base section of Garrison Slough are not expected to be exposed to harmful levels of PCBs. On-base anglers are informed to not eat fish from the on-base section of the Garrison Slough. Anglers following this advice will not be exposed to harmful levels of contaminants. On-base drinking water wells impacted by contaminants are no longer used; the past exposures were at levels below those known to cause health effects. Sampling results indicate off-base private drinking wells have not been impacted by base-related contaminants at levels known to cause health effects. Continued monitoring and environmental investigations are expected to mitigate future exposure concerns. Indoor air concerns for base buildings are investigated by the base Bioenvironmental Engineer (BEE). The IRP office will coordinate with the BEE during these investigations for buildings close to contaminated sites to ensure indoor air quality is within OSHA standards.

<b>CAMP BONNEVILLE</b>	<b>TEMP_WA</b>	<b>4969</b>	<b>WA</b>
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ACTIVITY : TEC --- Responding to community concerns

SCHEDULED START: May-01-2006 SCHEDULED COMPLETION: May-08-2006 ACTUAL COMPLETION: May-08-2006

Technical Assistance -- Community concerns from restoration advisory board

ATSDR held a conference call with the community co chair of the restoration advisory board of Camp Bonneville. She wanted to discuss issues related to remediation and land transfer. Issues of concern are unexploded ordnance and groundwater contamination with perchlorate and RDX. ATSDR discussed various approaches to the issues and provided sources of information.

<b>ROCKY MOUNTAIN ARSENAL (USARMY)</b>	<b>CO521002</b>	<b>0769</b>	<b>CO</b>
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ACTIVITY : TEC --- Responding to community concerns

SCHEDULED START: May-15-2006 SCHEDULED COMPLETION: Jun-01-2006 ACTUAL COMPLETION: Jun-01-2006

Technical Assistance --Community concerns about remediation

EPA requested that ATSDR be prepared to respond rapidly to potential community concerns regarding air releases of chemicals during upcoming remediation activities at the lime basins and Basin F at Rocky Mountain Arsenal. ATSDR reviewed background information in preparation for evaluating new air monitoring data to address community concerns (if any) during the remediation events. The remediation occurred but no community questions were directed to ATSDR.

<b>ARMY DERA</b>			
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<b>BADGER ARMY AMMO PLANT</b>	<b>WI921002</b>	<b>0054</b>	<b>WI</b>
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ACTIVITY : HCW --- Review of Environmental Sampling

DOC RELEASE: Public

SCHEDULED START: Oct-01-2005 SCHEDULED COMPLETION: Sep-30-2006 ACTUAL COMPLETION: Jun-06-2006

Health Consultation -- Public Comment Release -- Dinitrotoluene in Private Wells

The Wisconsin Department of Health and Family Services (DHFS) prepared a health consultation to specifically address the human health implications of groundwater and private well contamination by DNT around Badger Army Ammunition Plant. Three private wells contained DNT, however the highest concentrations found in private wells are not likely to cause adverse health effects among people who may drink the water for many years. DHFS recommends that, as technically feasible, the laboratory methods used for analysis of groundwater and private well water samples will look for all isomers of DNT. DHFS also encourages the Army to pursue, as technically feasible, decreasing the method detection limit for DNT to provide a greater health safety margin.

<b>IOWA ARMY AMMUNITION PLANT</b>	<b>IA721382</b>	<b>0445</b>	<b>IA</b>
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ACTIVITY : TEC --- Responding to community concerns

SCHEDULED START: May-25-2006 SCHEDULED COMPLETION: Jun-30-2006 ACTUAL COMPLETION: Jun-23-2006

Technical Assistance -- community concerns about radiation and beryllium

ATSDR has been contacted by three citizens regarding their potential exposure to contaminants released at the IAAP and the potential for those exposures to cause the health conditions experienced by themselves and their families. ATSDR forwarded copies of the previous PHAs and HCs and offered further discussion by phone after the community members reviewed the material.

**SOUTH WEYMOUTH NAVAL AIR STATION****MA2170022022****MA**

ACTIVITY : HCV --- Review of Environmental Sampling

SCHEDULED START: Apr-28-2006

SCHEDULED COMPLETION: Jun-30-2006

ACTUAL COMPLETION: May-25-2006

Public Health Consultation -- verbal -- Request from EPA to review iron flocculant data.

EPA requested that ATSDR review recent sampling data and information relating to flocculant appearing in streams in the area. ATSDR provided verbal comments to EPA Region I May 5, 2006. ATSDR and EPA concurred that it was unlikely that individuals or families would eat or drink the iron rich flocculent and that sampling of municipal water supplies was protective of public health. ATSDR recommended that areas with flocculent should be evaluated to ensure that flocculent at each location was due to local geochemical and biological processes. ATSDR provided a letter summarizing the information on May 25, 2006.



**ALLEGANY BALLISTICS LABORATORY (USNAVY)****WV0170023691****WV**

ACTIVITY : PHA --- Public Health Assessment

DOC RELEASE: Public

SCHEDULED START: Oct-01-2005

SCHEDULED COMPLETION: Sep-30-2006

ACTUAL COMPLETION: May-04-2006

**PHA - Public Comment**

ATSDR evaluated five issues including local drinking water quality, air emissions from open burning and other operations, contamination in the North Branch Potomac River, consumption of local biota, and landfill gases. No public health hazards were noted in past or current pathways of exposure. However, past exposures to inhaling air during the burning of waste material at ABL are indeterminate because sampling was not carried out in the past. Because of the uncertainty of groundwater movement along part of the river, ATSDR recommended Navy sampling for perchlorate in private drinking water wells in a small area across the river to confirm exposure or eliminate the pathway from consideration.

ACTIVITY : TEC --- Responding to community concerns

SCHEDULED START: Jun-13-2006

SCHEDULED COMPLETION: Jun-30-2006

ACTUAL COMPLETION: Jun-27-2006

**Technical Assistance -- Community concerns about depleted uranium**

ATSDR received a request for information about depleted uranium at ABL as well as at other sites around the world. ATSDR discussed various exposure and health issues regarding depleted uranium and provided the caller with the toxicological profile for uranium. The caller was satisfied with the material provided.

**NAVAL SURFACE WARFARE CENTER - DAHLGREN****VA7170024684****VA**

ACTIVITY : PHA --- Public Health Assessment

DOC RELEASE: Public

SCHEDULED START: Oct-01-2005

SCHEDULED COMPLETION: Sep-30-2006

ACTUAL COMPLETION: Jun-08-2006

**PHA - Public Comment**

ATSDR evaluated several issues, including the potential past and current classified activities, safety concerns for local recreational boaters, safety concerns for hunters using the historic bombing range, and potential dietary exposures from consumption of local fish and game. Some people are concerned that environmental contamination from classified activities using chemical, biological and radiological agents could exist, yet not be reported due to the nature of the work. ATSDR investigated the nature of the operations, potential agents of concern, and potential pathways of exposure. Evidence of potentially harmful exposures was not identified. Area boaters who follow normal safe boating practices, consult the navigational charts prior to entering unfamiliar territory, and follow the directions of the range control boats, will not be exposed to safety hazards from range operations. People who follow base procedures for reporting found projectiles and unexploded ordnance are unlikely to be harmed by them. Hunters who follow the established base procedures are unlikely to be exposed to ordnance materials. On-base anglers and hunters are provided information about the relevant restrictions and advisories. Anglers and hunters who follow the advice will not be exposed to base-related contaminants at levels known to harm human health.

**NAVAL UNDERSEA WARFARE ENGINEERING STATI****WA1170023619****WA**

ACTIVITY : TEC --- Protectiveness of planned actions

SCHEDULED START: Apr-01-2006

SCHEDULED COMPLETION: Apr-30-2006

ACTUAL COMPLETION: Apr-11-2006

**Technical Assistance -- Discussion of PHA recommendations**

The State of Washington Department of Ecology requested information about the basis for findings of seafood consumption described in the public health assessment. After discussion, the state requested that ATSDR review new sampling information based on tribal consumption rates. ATSDR will review the information and make changes in recommendations as needed.

<b>NAVAL WEAPONS STATION - YORKTOWN</b>	<b>VA8170024170</b>	<b>VA</b>
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ACTIVITY : PHA --- Public Health Assessment

DOC REL EASE: Final

SCHEDULED START: Oct-01-2005

SCHEDULED COMPLETION: Sep-30-2006

ACTUAL COMPLETION: May-25-2006

PHA - Final

ATSDR visited NWSY in February 2005. ATSDR toured on-site and off-site military housing areas and met with representatives for the day care and youth centers, Natural Resources Division, Public Affairs Office, Housing, and the Environmental Compliance Group. After reviewing available data, ATSDR concludes that past, present and future exposures from off-site migration of contaminated groundwater beneath site 18 pose no public health hazard. ATSDR also concludes that the consumption of fish from fishing ponds on-site did not pose a past and does not pose a present and future public health hazard. As for consumptions of fish off-site, ATSDR determined that while concentration of PCB's, arsenic, lead, and mercury in some fish samples were above health-based screening values, the estimated doses for recreational and low-end fishers are below of levels known to cause adverse health effects.

<b>NAVAL WEAPONS STATION EARLE (SITE A)</b>	<b>NJ0170022172</b>	<b>NJ</b>
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ACTIVITY : PHA --- Public Health Assessment

DOC REL EASE: Public

SCHEDULED START: Oct-01-2005

SCHEDULED COMPLETION: Sep-30-2006

ACTUAL COMPLETION: May-01-2006

PHA - Public Comment

Operations at NWSE have generated a variety of waste products, largely from the burial of waste in unlined pits or landfills. These wastes include solvents, paints, and metals and explosives from unserviceable munitions, packing material, and wood products. Since 1982, site investigations have been conducted at NWSE to evaluate areas of potential environmental concern. As part of the remediation process, on-site landfills have been or are being capped and groundwater underneath known contaminated sources is routinely monitored. In addition, there have been removal actions at several of the waste sites since investigations began.

ATSDR evaluated potential exposures to contaminants from NWSE, primarily from off-site migration of sediments and surface water, and has not found any completed exposure pathways that would result in adverse health effects. ATSDR concludes that surface water or sediments migrating off of NWSE property pose no recent past, current, or future public health hazard.

<b>NCBC GULFPORT</b>	<b>MS2170021626</b>	<b>MS</b>
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ACTIVITY : TEC --- Responding to community concerns

SCHEDULED START: May-19-2006

SCHEDULED COMPLETION: May-19-2006

ACTUAL COMPLETION: May-19-2006

Technical Assistance -- community concerns about PHA

ATSDR received a call from a Navy public affairs officer stating that one of the community members at Gulfport had new information that was not reviewed or covered in the PHA. The new information was pertaining to a number of cows that died near the NCBC facility but the veterinarian in the area had retired and no records were available. The Navy contact was advised to ask the community member to call ATSDR so that the agency could review the new information/data that she/he gathered.

**PEARL HARBOR NAVAL COMPLEX****HI4170090016****HI**

ACTIVITY : TEC --- Responding to community concerns

SCHEDULED START: May-05-2006

SCHEDULED COMPLETION: Jun-30-2006

ACTUAL COMPLETION: Jun-16-2006

Technical Assistance -- community concerns about thyroid cancer

ATSDR was contacted in early May 2006 by a citizen who grew-up near Pearl Harbor and had read in the PHA about the current fish advisory for the harbor. She was concerned that the thyroid cancer she and many of her immediate family members have experienced could be due to her family's frequent consumption of fish and crab from the harbor during the late 1950's through the mid-1960's. ATSDR reviewed the available scientific literature on Thyroid Cancer and environmental contaminants and discussed by telephone the results of the literature review.